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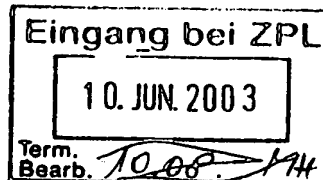
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Zeichen/Ref./Réf. 114 065	Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°. 03290364.3-2416-
Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire Evolium S.A.S.	

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☐ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

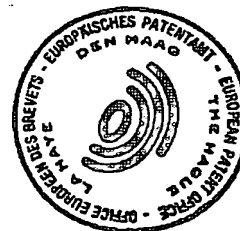
☐ abstract ☒ title

☒ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: 12

## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 2002/141512 A1 (BLANKE GERO) 3 October 2002 (2002-10-03) * page 1, left-hand column, line 23 - page 3, right-hand column, line 46 * * figure 2 *	1-10	H04Q7/30
X	GB 2 315 622 A (NIPPON ELECTRIC CO) 4 February 1998 (1998-02-04) * page 13, line 1 - page 24, line 26 * * figure 2 *	1,6-10	
A	EP 0 652 644 A (NIPPON ELECTRIC CO) 10 May 1995 (1995-05-10) * column 4, line 2 - column 8, line 14 *	1-10	
A	WO 00 25440 A (NOKIA NETWORKS OY ;POSTI HARRI (FI)) 4 May 2000 (2000-05-04) * page 2, line 27 - page 11, line 13 *	1-10	
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			H04Q H04L
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 23 May 2003	Examiner Oteo Mayayo, C
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 29 0364

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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23-05-2003

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## ABSTRACT / ZUSAMMENFASSUNG / ABREGE

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The present invention relates to a mobile communication base station apparatus comprising a plurality of radio transmission and/or reception sections (20) and a plurality of baseband processing sections (21) comprising a user data stream interface, such that the plurality of baseband processing sections (21) is divided into stages (16a, 17a, 17b, 17c), arranged in a first stage (16, 16a) and further stages (17, 17a, 17b, 17c), where each stage (16a, 17a, 17b, 17c) comprising at least one baseband processing section (21), and each baseband processing section (21) of the further stages (17a, 17b, 17c) is connected with at least one baseband processing unit (21) in any preceding stage, such that the baseband processing sections (21) are multistage-connected to the first stage (16a) of the baseband processing sections (21), the radio transmission and/or reception sections (20) are connected to baseband processing sections (21), and where each baseband processing section (21) comprises adding means, dropping means, and/or routing means for extraction and injection of baseband data streams and/or routing the data streams through the stages (16a, 17a, 17b, 17c). The invention further relates to a baseband processing section (21).